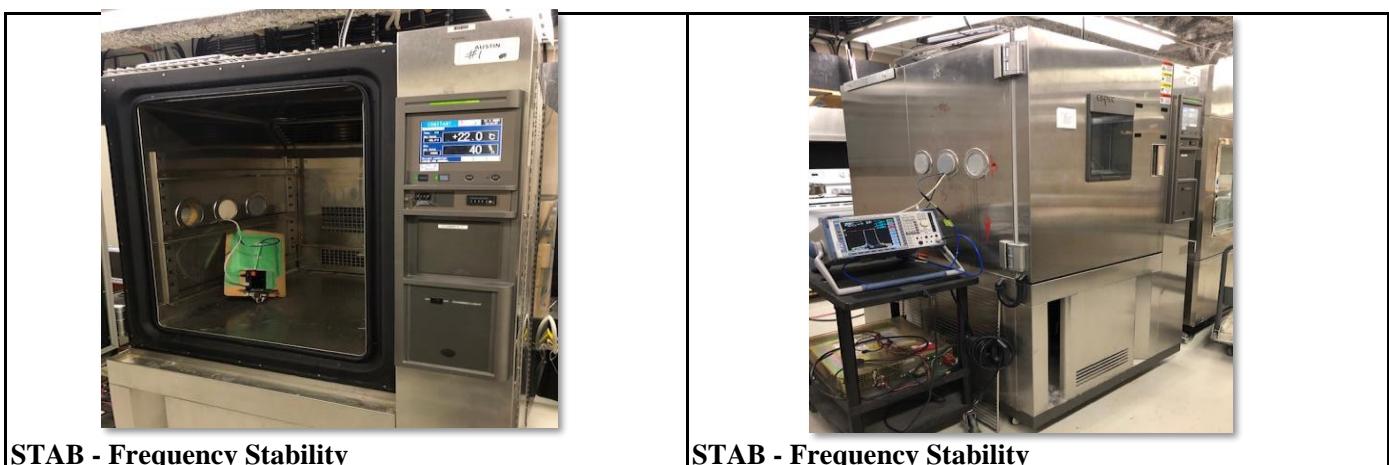
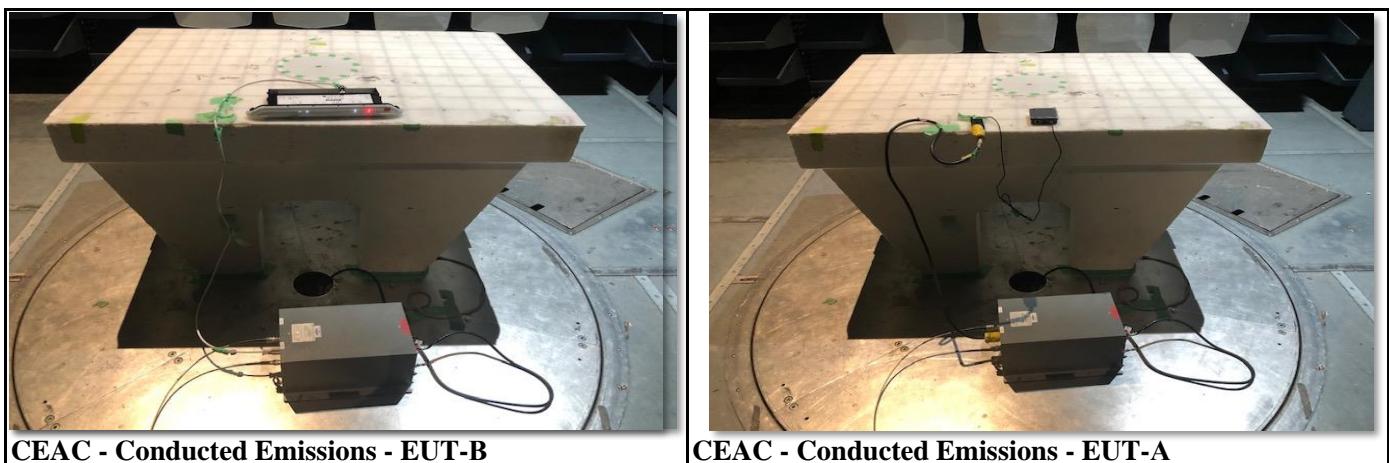
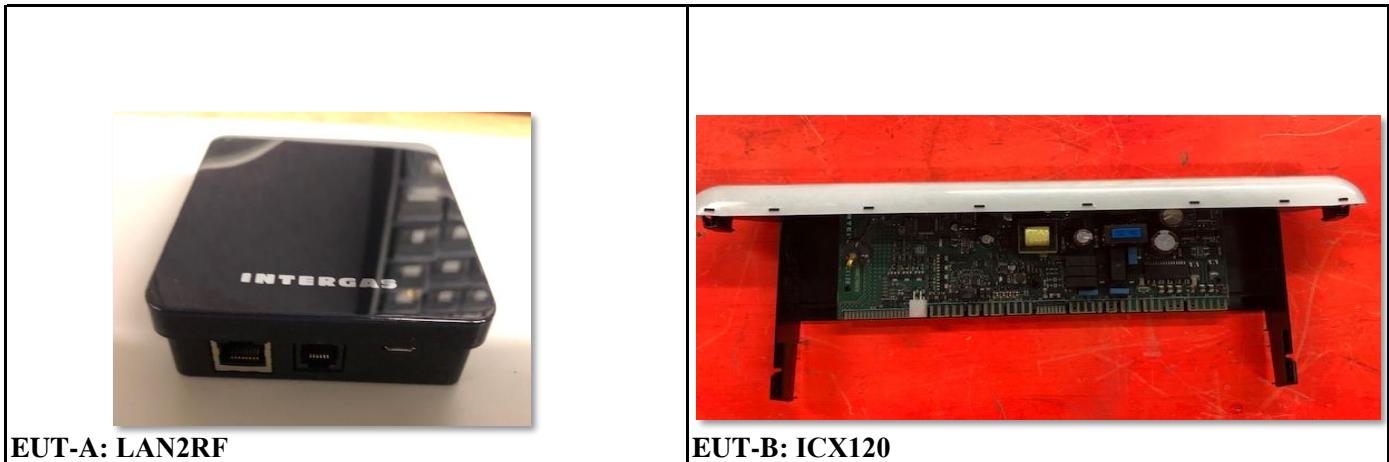


## Appendix R: TEST SETUP PHOTOS

# Figures R1-R8

| PN           | Manufacturer/Description | Reference | Model           | Description             |
|--------------|--------------------------|-----------|-----------------|-------------------------|
|              | IBC Technologies Inc.    |           | LAN2RF / ICX120 | <i>System</i>           |
| 2AUXY-LAN2RF | IBC Technologies Inc.    | EUT-A     | LAN2RF          | <i>Boiler interface</i> |
| 2AUXY-ICX120 | IBC Technologies Inc.    | EUT-B     | ICX120          | <i>Internet gateway</i> |
|              |                          |           |                 |                         |

#### Equipment Under Test

#### 900 MHz ISM Gateway System



2AUXY-LAN2RF

2AUXY-ICX120

#### EUT Power

| Input Power     | Manufacturer | Model    | Specification       |
|-----------------|--------------|----------|---------------------|
| AC Mains ICX120 | -            | -        | Linecord            |
| USB LAN2RF      |              | SIMSLKAN | AC/DC Adapter - USB |



#### 2.1.1 Test Configuration

The EUT was configured for 'normal operation' at maximum rate load unless specified otherwise. All accessory cables were attached unless defined as 'craftsman' port used for diagnostic and configuration. Auxiliary Equipment (AE) (notebook computer and USB cable) may be present within test volume or contained within an external auxiliary RF shielded room or box during compliance testing .

The EUT was configured for test using the internal test mode provided by the manufacturer to simulate data transmission. This utility includes all modulation modes, transmit frequencies and power levels and all other configuration options required for testing excluding tests which are performed in "normal" mode of operation.

Refer to manufacturers documentation for additional details of modulation types, technology, applicable data transfer rates, channels and other information. Multiple antenna output (beamforming) does not apply.

#### Test Modes

|  |  | TX0              |                       |            |
|--|--|------------------|-----------------------|------------|
| Test Mode  |  | Modulation Class | Channel Frequency MHz | Modulation |
| Normal Operation   |  | custom           | 902.3, 915, 927.7     | 2-GFSK     |
| Continuous Operation   |  | custom           | 902.3, 915, 927.7     | 2-GFSK     |
| Continuous CW  |  | custom           | 902.3, 915, 927.7     | CW         |
| Notes: 1. Device is classified as narrowband digital transmission system (DTS) with occupied bandwidth of less than 100 kHz.<br>2. Device operated in continuous transmit and normal (single packet transmission) modes.<br>3. Device may be operated in CW mode where applicable. |  |                  |                       |            |

#### Modulations

Product operates with single modulation mode.